IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of:	)	
	:	Examiner: Thierry L. Pham
SHIGEKI KURODA	)	
	:	Group Art Unit: 2625
Appl. No.: 10/014,430	)	
	:	Confirmation No.: 3749
Filed: December 14, 2001	)	
	:	
For: INFORMATION PROCESSING	)	
APPARATUS, PRINT DATA GENERATING	:	
METHOD, PRINT CONTROL PROGRAM,	)	
AND COMPUTER-READABLE RECORDING	:	
MEDIUM	)	
	:	
Patent No.: 7,233,411 B2	)	
	:	
Issued: June 19, 2007	)	May 28, 2008

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REPLACEMENT REQUEST FOR CERTIFICATE OF CORRECTION
UNDER RULES 322 AND 323

Sir:

It is respectfully requested that a Certificate of Correction be issued by the Patent and

Trademark Office due to errors which appear in the printed patent as a result of Patent and

Trademark Office mistakes, and mistakes of a clerical, typographical, or minor character, which

were not the fault of the Patent and Trademark Office. A Certificate of Correction form (Form

PTO-1050) is enclosed.

This Request for a Certificate of Correction is intended to replace the Request for Certificate of Correction filed on December 11, 2007, but which had two typographical errors.

The $100.00 fee for the Certificate of Correction was previously paid electronically on December 11, 2007. However, the Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 06-1205.

The correction of the independent claims is the result of the inadvertent omission by the PTO of changes made by way of Examiners amendment to application claims 1, 5, 10, 11, 15 and 20 (patent claims 1, 4, 6, 7, 9 and 11). Reference to that Examiner's Amendment is made on page 2 of the Notice of Allowability but the actual Examiner's Amendment was not placed in the Official Record by the PTO. So that the record is complete, attached is a copy of the Examiner's Amendment that was authorized by the undersigned and intended for attachment to the Notice of Allowance.

Patentees' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

/Lawrence A. Stahl/

Lawrence A. Stahl
Attorney for Patentees
Registration No. 30,110

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LAS:syw

Form #33

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   :   7,233,411 B2

DATED   :   June 19, 2007

INVENTOR(S) :   SHIGEKI KURODA   Page 1 of 8

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE:
Item (56), References Cited, Foreign Patent Documents, "EP 729118 A2 * 8/1996" should be deleted.

COLUMN 7:
Line 67, "of-copies" should read --of copies--.

COLUMN 12:
Line 1, "coordinate×in" should read --coordinate × in--.
Line 2, "page 3)" should read --page ÷ 3)--.

COLUMN 15:

Claim 1 should read:

--Information processing apparatus provided with a printer driver, comprising:
finishing command setting means which can set, on a print setting screen of the printer driver, a finishing command, selected from among an enable mode, a disable mode and an automatic mode, to a printer so as to rotation-sort-output or Offset-output document data;
layout setting means for setting, on the print setting screen of the printer driver, a print layout of the document data;
counting means for counting the number of physical sheets to which the document data of one copy whose output is desired is allocated;
print instructing means for instructing execution of printing;
spooling means for spooling the document data as intermediate data of a data format different from that of the document data;
intermediate data page editing means for making a layout print control of the intermediate data spooled by said spooling means based on the number counted by said counting means and based on the print layout set by said layout setting means;
intermediate data output means for outputting the intermediate data whose

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

layout print control is made by said intermediate data page editing means;

discriminating means for discriminating, based on the counting by said counting means, whether the document data of one copy is printed onto one physical sheet or onto two or more physical sheets, when the automatic mode is set by said finishing command setting means;

command changing means for changing the finishing command in response to a discrimination made by said discriminating means; and

print data generating means for adding the finishing command changed by said command changing means to the intermediate data output by said intermediate data output means so as to generate print data,

wherein said finishing command setting means disables the finishing command if the counting by said counting means shows that the document data of one copy is printed onto one physical sheet, such that the rotation sort output or the Offset output is not performed, and enables the finishing command if the counting by said counting means shows that the document data of one copy is printed onto two or more physical sheets, such that the rotation sort output or the Offset output is performed.--

COLUMN 16:

Claim 4 should read:

--A print data generating method comprising:

a finishing command setting step which can set, on a print setting screen of the printer driver, a finishing command, selected from among an enable mode, a disable mode and an automatic mode, to a printer so as to rotation-sort-output or Offset-output document data;

a layout setting step of setting, on the print setting screen of the printer driver, a print layout of the document data;

a counting step of counting the number of physical sheets to which the document data of one copy whose output is desired is allocated;

a print instructing step of instructing execution of printing;

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PATENT NO. : 7,233,411 B2

DATED : June 19, 2007

INVENTOR(S) : SHIGEKI KURODA

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

a spooling step of spooling the document data as intermediate data of a data format different from that of the document data;

an intermediate data page editing step of making a layout print control of the intermediate data spooled by said spooling step;

an intermediate data output step of outputting the intermediate data whose layout print control is made by said intermediate data page editing step;

a discriminating step of discriminating, based on the counting by said counting step, whether the document data of one copy is printed onto one physical sheet or onto two or more physical sheets, when the automatic mode is set by said finishing command setting step;

a command changing step of changing the finishing command in response to a discrimination made by said discriminating step; and

a print data generating step for adding the finishing command changed by said command changing step to the intermediate data output by said intermediate data output step so as to generating print data,

wherein said finishing command setting step disables the finishing command if the counting by said counting step shows that the document data of one copy is printed onto one physical sheet, such that the rotation sort output or the Offset output is not performed, and enables the finishing command if the counting by said counting step shows that the document data of one copy is printed onto two or more physical sheets, such that the rotation sort output or the Offset output is performed.--

Claim 6 should read:

--A computer-readable recording medium which records a program, wherein said program comprises:

a finishing command setting step which can set, on a print setting screen of the printer driver, a finishing command, selected from among an enable mode, a disable mode and an automatic mode, to a printer so as to rotation-sort-output or Offset-output document data;

a layout setting step of setting, on the print setting screen of the printer driver, a print layout of the document data;

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

a counting step of counting the number of physical sheets to which the document data of one copy whose output is desired is allocated;

a print instructing step of instructing execution of printing;

a spooling step of spooling the document data as intermediate data of a data format different from that of the document data;

an intermediate date page editing step of making a layout print control of the intermediate data spooled by said spooling step;

an intermediate data output step of outputting the intermediate data whose layout print control is made by said intermediate data page editing step;

a discriminating step of discriminating, based on the counting by said counting step, whether the document data of one copy is printed onto one physical sheet or onto two or more physical sheets, when the automatic mode is set by said finishing command setting step;

a command changing step of changing the finishing command in response to a discrimination made by said discriminating step; and

a print data generating step of adding the finishing command changed by said command changing step to the intermediate data output by said intermediate data output step so as to generate print data;

wherein said finishing command setting step disables the finishing command if the counting by said counting step shows that the document data of one copy is printed onto one physical sheet, such that the rotation sort output or the Offset output is not performed, and enables the finishing command if the counting by said counting step shows that the document data of one copy is a printed onto two or more physical sheets, such that the rotation sort output or the Offset output is performed.--

COLUMN 17:

Claim 7 should read:

--An information processing apparatus provided with a printer driver, comprising:

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CERTIFICATE OF CORRECTION

PATENT NO.   :   7,233,411 B2

DATED   :   June 19, 2007

INVENTOR(S) :   SHIGEKI KURODA   Page 5 of 8

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

finishing command setting means which can set, on a print setting screen of the printer driver, a finishing command selected from among an enable mode and a disable mode to a printer so as to rotation-sort-output or Offset-output document data;

layout setting means for setting, on the print setting screen of the printer driver, a print layout of the document data;

a user interface menu screen, provided by the printer driver, on which a user activates said finishing command setting means to set the finishing command and said layout setting means to set the print layout;

a counting means for counting the number of physical sheets to which the document data of one copy whose output is desired is allocated;

spooling means for spooling the document data as intermediate data of a data format different from that of said document data;

intermediate data page editing means for making a layout print control of the intermediate data spooled by said spooling means based on the number of counted by said counting means and based on the print layout set by said layout setting means;

intermediate data output means for outputting the intermediate data whose layout print control is made by said intermediate data page editing means;

discriminating means for discriminating, based on the counting by said counting means, whether the document data of one copy is printed onto one physical sheet or onto two or more physical sheets, when the enable mode is set by said finishing command setting means;

command changing means for changing the finishing command in response to a discrimination made by said discriminating means; and

print data generating means for adding the finishing command changed by said command changing means to the intermediate data output by said intermediate data output means so as to generate print data,

wherein said finishing command setting means disables the finishing command if the counting by said counting means shows that the document data of one copy is printed onto one physical sheet, such that the rotation sort output or the Offset output is not performed, and enables the finishing command if the counting by said counting means shows

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that the document data of one copy is printed onto two or more physical sheets, such that the rotation sort output or the Offset output is performed.--

Claim 9 should read:

--A print data generating method of an information processing apparatus provided with a print driver and comprising:

a finishing command setting step of setting, on a print setting screen of the printer driver, a finishing command, selected from among an enable mode and a disable mode to a printer so as to rotation-sort-output or Offset-output document data;

a layout setting step of setting, on a print setting screen of the printer driver, a print layout of the document data;

a user interface menu screen step, provided by the printer driver, on which a user performs said finishing command setting step to set the finishing command and said layout setting step to set the print layout;

a counting step of counting the number of physical sheets to which the document data of one copy whose output is desired is allocated;

a spooling step of spooling the document data as intermediate data of a data format different from that of said document data;

an intermediate data page editing step of making a layout print control of the intermediate data spooled by said spooling step based on the number counted by said counting step and based on the print layout set by said layout setting step;

an intermediate data output step of outputting the intermediate data whose layout print control is made by said intermediate data page editing step;

a discriminating step of discriminating, based on the counting by said counting step, whether the document data of one copy is printed onto one physical sheet or onto two or more physical sheets, when the enable mode is set by said finishing command setting step;

a command changing step of changing the finishing command in response to a discrimination made by said discriminating step; and

a print data generating step of adding the finishing command changed by said

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PATENT NO.   :   7,233,411 B2

DATED   :   June 19, 2007

INVENTOR(S) :   SHIGEKI KURODA   Page 7 of 8

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

command changing step to the intermediate data output by said intermediate data output step so as to generate print data,

wherein said finishing command setting step disables the finishing command if the counting by said counting step shows that the document data of one copy is printed onto one physical sheet, such that the rotation sort output or the Offset output is not performed, and enables the finishing command if the counting by said counting step shows that the document data of one copy is printed onto two or more physical sheets, such that the rotation sort output or the Offset output is performed.

COLUMN 18:

Claim 11 should read:

--A computer-readable recording medium which records a print control program, wherein said program comprises:

a finishing command setting step of setting, on a print setting screen of the printer driver the finishing command selected from among an enable mode and a disable mode to a printer so as to rotation-sort-output or offset-output document data;

layout setting step for setting, on a print setting screen of the printer driver, a print layout of the document data;

a user interface menu screen step, provided by the printer driver, on which a user activates said finishing command setting step to set the finishing command and said layout setting step to set the print layout;

a counting step of counting the number of physical sheets to which document data of one copy whose output is desired is allocated;

a spooling step of spooling the document data as intermediate data of a data format different from that of said document data;

an intermediate data page editing step of making a layout print control of the intermediate data spooled by said spooling step based on the number counted by said counting step and based on the print layout set by said layout setting step;

CERTIFICATE OF CORRECTION

PATENT NO. : 7,233,411 B2

DATED : June 19, 2007

INVENTOR(S) : SHIGEKI KURODA   Page 8 of 8

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

an intermediate data output step of outputting the intermediate data whose layout print control is made by said intermediate data page editing step;

a discriminating step of discriminating, based on the counting by said counting step, whether the document data of one copy is printed onto one physical sheet or onto two or more physical sheets, when the enable mode is set by said finishing command setting step;

a command changing step of changing the finishing command in response to a discrimination made by said discriminating step; and

a print data generating step of adding the finishing command changed by said command changing step to the intermediate data output by said intermediate data output step so as to generate print data,

wherein said finishing command setting step disables the finishing command if the counting by said counting step shows that the document data of one copy is printed onto one physical sheet, such that the rotation sort output or the Offset output is not performed, and enables the finishing command if the counting by said counting step shows that the document data of one copy is printed onto two or more physical sheets, such that the rotation sort output or the Offset output is performed.--

<div align="center">

EXAMINER'S AMENDMENT

</div>

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Lawrence Stahl on 2/8/07.

The application has been amended as follows:

Claims:

1. (Currently Amended) information processing apparatus provided with a printer driver, comprising:

      finishing command setting means which can set, on a print setting screen of the printer driver, a finishing command, selected from among an enable mode, a disable mode and an automatic mode, to a printer so as to rotation-sort-output or Offset-output document data;

      layout setting means for setting, on the print setting screen of the printer driver, a print layout of the document data;

      counting means for counting the number of physical sheets to which the document data of one copy whose output is desired is allocated;

      print instructing means for instructing execution of printing; ~~and~~

      spooling means for spooling the document data as intermediate data of a data format different from that of the document data;

      intermediate data page editing means for making a layout print control of the intermediate data spooled by said spooling means based on the number counted by said counting means and based on the print layout set by said layout setting means;

      intermediate data output means for outputting the intermediate data whose layout print control is made by said intermediate data page editing means;

discriminating means for discriminating, based on the counting by said counting means, whether the document data of one copy is printed onto one physical sheet or onto two or more physical sheets, when the automatic mode is set by said finishing command setting means;

command changing means for changing the finishing command in response to a discrimination made by said discriminating means; and

print data generating means for adding the finishing command changed by said command changing means to the intermediate data output by said intermediate data output means so as to generate print data,

wherein said finishing command setting means disables the finishing command if the counting by said counting means shows that the document data of one copy is printed onto one physical sheet, such that the rotation sort output or the Offset output is not performed, and enables the finishing command if the counting by said counting means shows that the document data of one copy is printed onto two or more physical sheets, such that the rotation sort output or the Offset output is performed.

5. (Currently Amended) A print data generating method comprising:

a finishing command setting step which can set, on a print setting screen of the printer driver, a finishing command, selected from among an enable mode, a disable mode and an automatic mode, to a printer so as to rotation-sort-output or Offset-output document data;

a layout setting step of setting, on the print setting screen of the printer driver, a print layout of the document data;

a counting step of counting the number of physical sheets to which the document data of one copy whose output is desired is allocated[[,]] ;

a print instructing step of instructing execution of printing; and

a spooling step of spooling the document data as intermediate data of a data format different from that of the document data[[,]];

an intermediate data page editing step of making a layout print control of the intermediate data spooled by said spooling step;

an intermediate data output ~~means for~~ step of outputting the intermediate data whose layout print control is made by said intermediate data page editing ~~means~~ step;

a discriminating ~~means for~~ step of discriminating, based on the counting by said counting ~~means~~ step, whether the document data of one copy is printed onto one physical sheet or onto two or more physical sheets, when the automatic mode is set by said finishing command setting ~~means~~ step;

a command changing ~~means for~~ step of changing the finishing command in response to a discrimination made by said discriminating ~~means~~ step; and

a print data generating ~~means~~ step for adding the finishing command changed by said command changing ~~means~~ step to the intermediate data output by said intermediate data output ~~means~~ step so as to generate print data.

wherein said finishing command setting step disables the finishing command if the counting by said counting step shows that the document data of one copy is printed onto one physical sheet, such that the rotation sort output or the Offset output is not performed, and enables the finishing command if the counting by said counting step shows that the document data of one copy is printed onto two or more physical sheets, such that the rotation sort output or the Offset output is performed.

10. (Currently Amended) A computer-readable recording medium which records a program, wherein said program comprises:

a finishing command setting step which can set, on a print setting screen of the printer driver, a finishing command, selected from among an enable mode, a disable mode and an automatic mode, to a printer so as to rotation-sort-output or Offset-output document data;

a layout setting step of setting, on the print setting screen of the printer driver, a print layout of the document data;

a counting step of counting the number of physical sheets to which the document data of one copy whose output is desired is allocated[[,]];

a print instructing step of instructing execution of printing; ~~and~~

a spooling step of spooling the document data as intermediate data of a data format different from that of the document data;

an intermediate data page editing step of making a layout print control of the intermediate data spooled by said spooling step;

an intermediate data output ~~means for~~ step of outputting the intermediate data whose layout print control is made by said intermediate data page editing ~~means~~ step;

a discriminating ~~means for~~ step of discriminating, based on the counting by said counting ~~means~~ step, whether the document data of one copy is printed onto one physical sheet or onto two or more physical sheets, when the automatic mode is set by said finishing command setting ~~means~~ step;

a command changing ~~means for~~ step of changing the finishing command in response to a discrimination made by said discriminating ~~means~~ step; and

a print data generating ~~means for~~ step of adding the finishing command changed by said command changing ~~means~~ step to the intermediate data output by said intermediate data output ~~means~~ step so as to generate print data [[.]] ;

wherein said finishing command setting step disables the finishing command if the counting by said counting step shows that the document data of one copy is printed onto one physical sheet, such that the rotation sort output or the Offset output is not performed, and enables the finishing command if the counting by said counting step shows that the document data of one copy is printed onto two or more physical sheets, such that the rotation sort output or the Offset output is performed.

11. (Currently Amended) An information processing apparatus provided with a printer driver, comprising:

finishing command setting means which can set, on a print setting screen of the printer driver, a finishing command selected from among an enable mode and a disable mode to a printer so as to rotation-sort-output or Offset-output document data [[:]] ;

layout setting means for setting, on the print setting screen of the printer driver, a print layout of the document data;

a user interface menu screen, provided by the printer driver, on which a user activates said finishing command setting means to set the finishing command and said layout setting means to set the print layout;

a counting means for counting the number of physical sheets to which the document data of one copy whose output is desired is allocated;

spooling means for spooling the document data as intermediate data of a data format different from that of said document data;

intermediate data page editing means for making a layout print control of the intermediate data spooled by said spooling means based on the number counted by said counting means and based on the print layout set by said layout setting means;

intermediate data output means for outputting the intermediate data whose layout print control is made by said intermediate data page editing means;

discriminating means for discriminating, based on the counting by said counting means, whether the document data of one copy is printed onto one physical sheet or onto two or more physical sheets, when the enable mode is set by said finishing command setting means;

command changing means for changing the finishing command in response to a discrimination made by said discriminating means; and

print data generating means for adding the finishing command changed by said command changing means to the intermediate data output by said intermediate data output means so as to generate print data [[.]] ,

wherein said finishing command setting means disables the finishing command if the counting by said counting means shows that the document data of one copy is printed onto one physical sheet, such that the rotation sort output or the Offset output is not performed, and enables the finishing command if the counting by said counting means shows that the document data of one copy is printed onto two or more physical sheets, such that the rotation sort output or the Offset output is performed.

15. (Currently Amended) A print data generating method of an information processing apparatus provided with a print driver and comprising:

a finishing command setting ~~step~~ step of setting, on a print setting screen of the printer driver, a finishing command, ~~setting step~~ selected from among an enable mode and a disable mode to a printer so as to rotation-sort-output or Offset-output document data;

a layout setting step of setting, on a print setting screen of the printer driver, a print layout of the document data;

a user interface menu screen step, provided by the printer driver, on which a user performs said finishing command setting step to set the finishing command and said layout setting step to set the print layout; ~~and~~

a counting step of counting the number of physical sheets to which the document data of one copy whose output is desired is allocated;

a spooling ~~means for~~ step of spooling the document data as intermediate data of a data format different from that of said document data;

an intermediate data page editing ~~means for~~ step of making a layout print control of the intermediate data spooled by said spooling ~~means~~ step based on the number counted by said counting ~~means~~ step and based on the print layout set by said layout setting ~~means~~ step;

an intermediate data output ~~means for~~ step of outputting the intermediate data whose layout print control is made by said intermediate data page editing ~~means~~ step;

a discriminating ~~means for~~ step of discriminating, based on the counting by said counting ~~means~~ step, whether the document data of one copy is printed onto one physical sheet or onto two or more physical sheets, when the enable mode is set by said finishing command setting ~~means~~ step;

a command changing ~~means for~~ step of changing the finishing command in response to a discrimination made by said discriminating ~~means~~ step; and

a print data generating ~~means for~~ step of adding the finishing command changed by said command changing ~~means~~ step to the intermediate data output by said intermediate data output ~~means~~ step so as to generate print data [[.]] ,

wherein said finishing command setting step disables the finishing command if the counting by said counting step shows that the document data of one copy is printed onto one physical sheet, such that the rotation sort output or the Offset output is not performed, and enables the finishing command if the counting by said counting step shows that the document

data of one copy is printed onto two or more physical sheets, such that the rotation sort output or
the Offset output is performed.

20. (Currently Amended) A computer-readable recording medium which records a print
   control program, wherein said program comprises:

    a finishing command setting step of setting, on a print setting screen of the printer
driver the finishing command selected from among an enable mode and a disable mode to a
printer so as to rotation-sort-output or offset-output document data;

    layout setting step for setting, on a print setting screen of the printer driver, a print
layout of the document data;

    a user interface menu screen step, provided by the printer driver, on which a user
activates said finishing command setting step to set the finishing command and said layout
setting step to set the print layout;

    a counting step of counting the number of physical sheets to which document data
of one copy whose output is desired is allocated;

    <u>a</u> spooling ~~means for~~ <u>step of</u> spooling the document data as intermediate data of a
data format different from that of said document data;

    <u>an</u> intermediate data page editing ~~means for~~ <u>step of</u> making a layout print control of the
intermediate data spooled by said spooling ~~means~~ <u>step</u> based on the number counted by said
counting ~~means~~ <u>step</u> and based on the print layout set by said layout setting ~~means~~ <u>step</u>;

    <u>an</u> intermediate data output ~~means for~~ <u>step of</u> outputting the intermediate data
whose layout print control is made by said intermediate data page editing ~~means~~ <u>step</u>;

    <u>a</u> discriminating ~~means for~~ <u>step of</u> discriminating, based on the counting by
said counting ~~means~~ <u>step</u>, whether the document data of one copy is printed onto one
physical sheet or onto two or more physical sheets, when the enable mode is set by said
finishing command setting ~~means~~ <u>step</u>;

    <u>a</u> command changing ~~means for~~ <u>step of</u> changing the finishing command in response to a
discrimination made by said discriminating ~~means~~ <u>step</u>; and

a print data generating ~~means for~~ step of adding the finishing command changed by said command changing ~~means~~ step to the intermediate data output by said intermediate data output ~~means~~ step so as to generate print data [[.]] ,

wherein said finishing command setting step disables the finishing command if the counting by said counting step shows that the document data of one copy is printed onto one physical sheet, such that the rotation sort output or the Offset output is not performed, and enables the finishing command if the counting by said counting step shows that the document data of one copy is printed onto two or more physical sheets, such that the rotation sort output or the Offset output is performed.

23 (Canceled).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thierry L. Pham whose telephone number is (571) 272-7439. The examiner can normally be reached on M-F (9:30 AM - 6:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David K. Moore can be reached on (571)272-7437. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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